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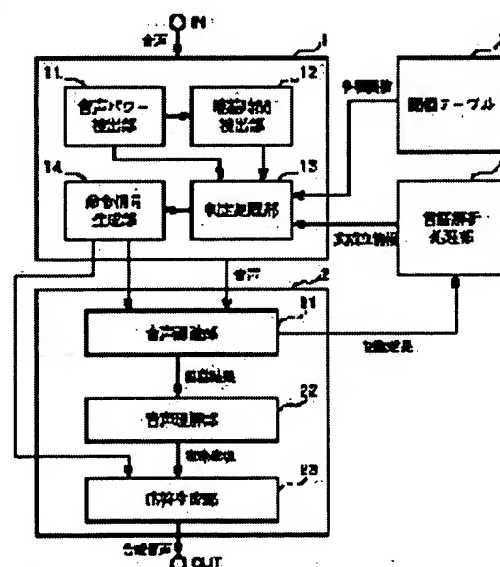
(54) RESPONSE VOICE GENERATING METHOD AND VOICE INTERACTIVE SYSTEM

(57)Abstract:

PURPOSE: To improve the degree of understanding and to shorten a response time in a voice interactive system of understanding the contents of an input voice and outputting a proper response based on the contents.

CONSTITUTION: When the voice is inputted, a voice recognition part 21 performs instantaneously recognition processing, and sends the recognition result to a language analysis processing part 4. The language analysis processing part 4 outputs sentence realization information when the recognition result shows realization of a sentence. A start/end terminal detection part 1 decides the point of time when the sentence realization information is inputted from the language analysis processing part 4 as the end terminal of the voice when

a power duration time exceeds a vocalization time threshold value after the start terminal of the input voice is detected. A voice synthesis part 2 ends the recognition processing of the voice until this point of time, and analyzes the recognition result with respect to grammar, semantics, and the interactive context, and synthesizes the response voice to the input voice to output it. In such a manner, while the input voice is interrupted on the way, the interactive is performed gradually while confirming the contents with a speaker.



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